## M \& M Probability Game



## III \& III Probability



## III \& III Probability

GETTING STARTED:

- Place M\&M pieces on number line.
- Record on M \& M recording sheet by drawing circles to represent where you placed the pieces.


Siegel@Mathwire.com

## III \& M Probability

## PLAY GAME:

- Toss two dice and add to get sum.
- If you have a piece on that number, remove it and record X on recording sheet.
- If you do not have a piece on that number, write an X in box.

| 2 | 3 | 4 | $\mathbf{5}$ | $\mathbf{6}$ | $\mathbf{7}$ | $\mathbf{8}$ | $\mathbf{9}$ | 10 | 11 | 12 |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| $\mathbf{X}$ | $\bigcirc$ | $\bigcirc$ | $\bigcirc$ | $\mathbb{Q}$ | $\bigcirc$ | $\mathbb{8}$ | $\bigcirc$ | $\bigcirc$ | $\bigcirc$ |  |
|  |  |  |  | $\bigotimes$ | $\bigcirc$ | $\bigcirc$ |  |  |  |  |
|  |  |  |  | $\mathbf{X}$ |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |

Siegel@Mathwire.com

## III \& M Probability

## PLAY GAME:

- Continue playing until you have removed all of your pieces.
- Count up how many rolls it took to get all of your pieces. (Count the X's on your sheet.)
- Record results on class line plot.

| 2 | 3 | 4 | 5 | 6 | 7 | 8 | $\mathbf{9}$ | 10 | 11 | 12 |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| $\mathbf{X}$ | $\bigcirc$ | $\bigcirc$ | $\bigcirc$ | $\mathbb{Q}$ | $\bigcirc$ | $\bigotimes$ | $\bigcirc$ | $\bigcirc$ | $\bigcirc$ |  |
|  |  |  |  | $\bigotimes$ | $\bigcirc$ | $\bigcirc$ |  |  |  |  |
|  |  |  |  | $\mathbf{X}$ |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |

Siegel@Mathwire.com

